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11/19/03

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/699,679A

DATE: 04/17/2003

TIME: 08:48:15

Input Set : A:\UNGR1598.ST25.txt

Output Set: N:\CRF4\04172003\I699679A.raw

Use

3 <110> APPLICANT: Unger, Evan C.
 4 Shen, Dekang
 5 Wu, Guanli
 7 <120> TITLE OF INVENTION: Novel Targeted Compositions For Diagnostics And Therapeutic
 9 <130> FILE REFERENCE: UNGR1598
 11 <140> CURRENT APPLICATION NUMBER: 09/699,679A
 12 <141> CURRENT FILING DATE: 2000-10-30
 14 <150> PRIOR APPLICATION NUMBER: 09/218,660
 15 <151> PRIOR FILING DATE: 1998-12-22
 17 <150> PRIOR APPLICATION NUMBER: 08/660,032
 18 <151> PRIOR FILING DATE: 1996-06-06
 20 <150> PRIOR APPLICATION NUMBER: 08/640,464
 21 <151> PRIOR FILING DATE: 1996-05-01
 23 <150> PRIOR APPLICATION NUMBER: 08/497,684
 24 <151> PRIOR FILING DATE: 1995-06-07
 26 <160> NUMBER OF SEQ ID NOS: 24
 28 <170> SOFTWARE: PatentIn version 3.2
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 6
 32 <212> TYPE: PRT
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: Synthetic construct
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 41 1 5
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 46 <212> TYPE: PRT
 47 <213> ORGANISM: Artificial Sequence
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 50 <223> OTHER INFORMATION: Synthetic construct
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 55 1
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 60 <212> TYPE: PRT
 61 <213> ORGANISM: Artificial Sequence
 63 <220> FEATURE:
 64 <223> OTHER INFORMATION: Synthetic construct
 66 <400> SEQUENCE: 3
 68 Gly Arg Gly Asp Ser Pro

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89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Synthetic construct
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97 1          5          10          15
100 Phe Ser Arg Pro Tyr Asp Pro Arg Arg Asp Leu Phe Arg Val Glu Tyr
101          20          25          30
104 Val Ile Gly Arg Tyr Pro Gln Glu Asn Lys Gly Thr Tyr Ile Pro Val
105          35          40          45
108 Pro Ile Val Ser Glu Leu Gln Ser Gly Lys Trp Gly Ala Lys Ile Val
109          50          55          60
112 Met Arg Glu Asp Arg Ser Val Arg Leu Ser Ile Gln Ser Ser Pro Lys
113 65          70          75          80
116 Cys Ile Val Gly Lys Phe Arg Met Tyr Val Ala Val Trp Thr Pro Tyr
117          85          90          95
120 Gly Val Leu Arg Thr Ser Arg Asn Pro Glu Thr Asp Thr Tyr Ile Leu
121          100          105          110
124 Phe Asn Pro Trp Cys Glu Asp Asp Ala Val Tyr Leu Asp Asn Glu Lys
125          115          120          125
128 Glu Arg Glu Glu Tyr Val Leu Asn Asp Ile Gly Val Ile Phe Tyr Gly
129          130          135          140
132 Glu Val Asn Asp Ile Lys Thr Arg Ser Trp Ser Tyr Gly Gln Phe
133 145          150          155
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139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Synthetic construct
144 <400> SEQUENCE: 6
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150 Ser Arg Pro Tyr Asp Pro Arg Arg Asp
151          20          25
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168 Leu Asn Asp Ile Gly Val Ile Phe Tyr Gly Glu Val Asn Asp Ile Lys
169          20          25          30
172 Thr Arg Ser Trp Ser Tyr Gly Gln Phe
173          35          40
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177 <211> LENGTH: 9
178 <212> TYPE: PRT
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182 <223> OTHER INFORMATION: Synthetic construct
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187 1          5
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192 <212> TYPE: PRT
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195 <220> FEATURE:
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206 <212> TYPE: PRT
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218 Met Asp Tyr
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224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
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232 Ala Arg Arg Ser Pro Ser Tyr Tyr Arg Tyr Asp Gly Ala Gly Pro Tyr
233 1          5          10          15

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251 1      .      5      10      15
254 Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Asp Gly Leu Cys
255      20      25      30
258 Cys Asp Gln Cys Arg Phe Lys Arg Thr Ile Cys Arg Arg Ala Arg Gly
259      35      40      45
262 Asp Asn Pro Asp Asp Arg Cys Thr Gly Gln Ser Ala Asp Cys Pro Arg
263      50      55      60
266 Asn Gly Tyr
267 65
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272 <212> TYPE: PRT
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275 <220> FEATURE:
276 <223> OTHER INFORMATION: Synthetic construct
278 <400> SEQUENCE: 13
280 Glu Ala Gly Glu Asp Cys Asp Cys Gly Ser Pro Ala Asn Pro Cys Cys
281 1      .      5      10      15
284 Asp Ala Ala Thr Cys Lys Leu Leu Pro Gly Ala Gln Cys Gly Glu Gly
285      20      25      30
288 Leu Cys Cys Asp Gln Cys Ser Phe Met Lys Lys Gly Thr Ile Cys Arg
289      35      40      45
292 Arg Ala Arg Gly Asp Asp Leu Asp Asp Tyr Cys Asn Gly Ile Ser Ala
293      50      55      60
296 Gly Cys Pro Arg Asn Pro Leu His Ala
297 65      70
300 <210> SEQ ID NO: 14
301 <211> LENGTH: 68
302 <212> TYPE: PRT
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306 <223> OTHER INFORMATION: Synthetic construct
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311 1      .      5      10      15
314 Asp Ala Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Glu Gly
315      20      25      30
318 Leu Cys Cys Asp Gln Cys Arg Phe Lys Gly Ala Gly Lys Ile Cys Arg
319      35      40      45

```

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326 Cys Pro Arg Phe
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341 1      5                      10                      15
344 Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Asp Gly Leu Cys
345      20                      25                      30
348 Cys Asp Gln Cys Arg Phe Lys Arg Thr Ile Cys Arg Ile Ala Arg Gly
349      35                      40                      45
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353      50                      55                      60
356 Asn Asp Leu
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361 <211> LENGTH: 8
362 <212> TYPE: PRT
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366 <223> OTHER INFORMATION: Synthetic construct
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370 Arg Glu Tyr Val Val Met Trp Lys
371 1_ _ _ _ _ 5
374 <210> SEQ ID NO: 17
375 <211> LENGTH: 8
376 <212> TYPE: PRT
377 <213> ORGANISM: Artificial Sequence
379 <220> FEATURE:
380 <223> OTHER INFORMATION: Synthetic construct
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385 1      5
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389 <211> LENGTH: 8
390 <212> TYPE: PRT
391 <213> ORGANISM: Artificial Sequence
393 <220> FEATURE:
394 <223> OTHER INFORMATION: Synthetic construct
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399 1      5
402 <210> SEQ ID NO: 19

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:22; Xaa Pos. 5